**AS 1.8**

**Solve right angle triangle problems**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Topics | Text Reference | HW book |  |
| 1 | Pythagoras | Gamma  p386 Ex 27.01 | p127 Ex 27.01  p128 Ex 27.02-1 |  |
| 2 | Applications of Pythagoras | p389 Ex 27.02 p394 Ex 27.03 | p129 Ex 27.02-2  p129 Ex 27.03 |  |
| 3 | Properties of triangles  Trig introduction | p396 Ex 27.04 | p129 Ex 27.04 |  |
| 4 | Trig: finding side lengths | P402 Ex 28.01 | p131 Ex 28.01 |  |
| 5 | Trig: finding angles  Applications | p404 Ex 28.02  p406 Ex 28.03 | p133 Ex 28.02  p134 Ex 28.03 |  |
| 6 | 3D Applications A | P412 Ex 29.01  P414 Ex 29.02 | p135 Ex 29.01  p136 Ex 29.02 |  |
| 7 | 3D Applications B | p417 Ex 29.03  p419 Ex 29.04  p420 Ex 29.05 | p137 Ex 29.03  p137 Ex 29.04  p138 Ex 29.05 |  |
| 8 | Vectors + - × ÷ | p423 Ex 30.01  p426 Ex 30.02  p428 Ex 30.03 | p139 Ex 30.01  p140 Ex 30.02  p140 Ex 30.03 |  |
| 9 | Vectors & Bearings | p431 Ex 30.04  p434 Ex 30.05 | p141 Ex 30.04  p142 Ex 30.05 |  |
| 10 | Grid references | p438 Ex 30.06 | p143 Ex 30.06 |  |
| 11 | Revision | p445 |  |  |
| 12 | TEST |  |  |  |
| 13 |  |  |  |  |